



An intro to Framework7

<http://www.framework7.io>

THINK.
CODE.
COLLABORATE.
COLLABORATE.

www.spiria.com

JOEL LORD

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What is Framework7

IN A NUTSHELL...

- Framework7 is a free and open source mobile HTML framework to develop hybrid mobile apps or web apps with iOS & Android native look and feel. It is also an indispensable prototyping apps tool to show working app prototype as soon as possible in case you need to.

What is Framework7

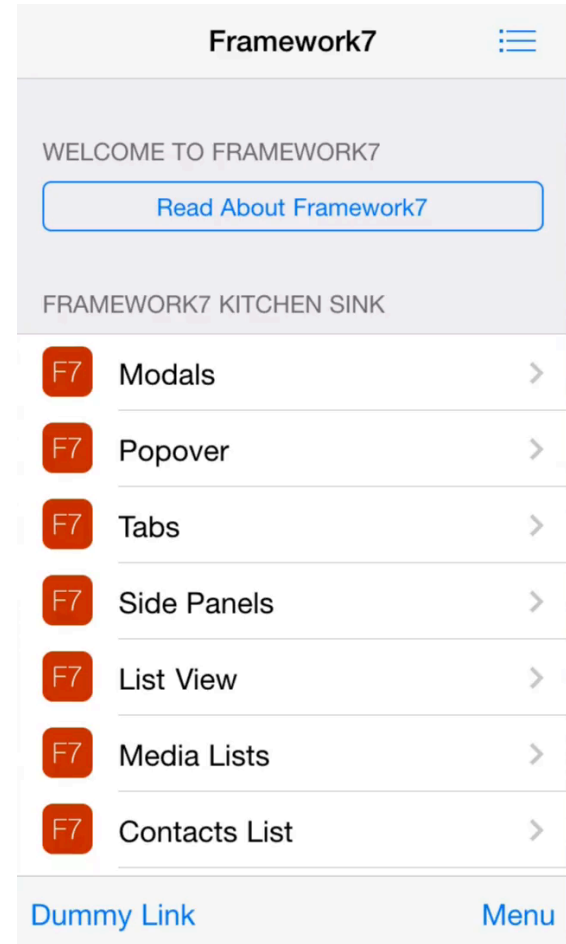
WHAT IS INCLUDED

- The basic building blocks for the native look and feel on
 - iOS
 - Android (Material Design)
- A bunch of modern UI components
 - Modals
 - Popovers
 - List Views
 - Media Lists
 - Tabs
 - Side Panels
 - Etc
- Layout Grid

What is Framework7

SOME NICE FEATURES

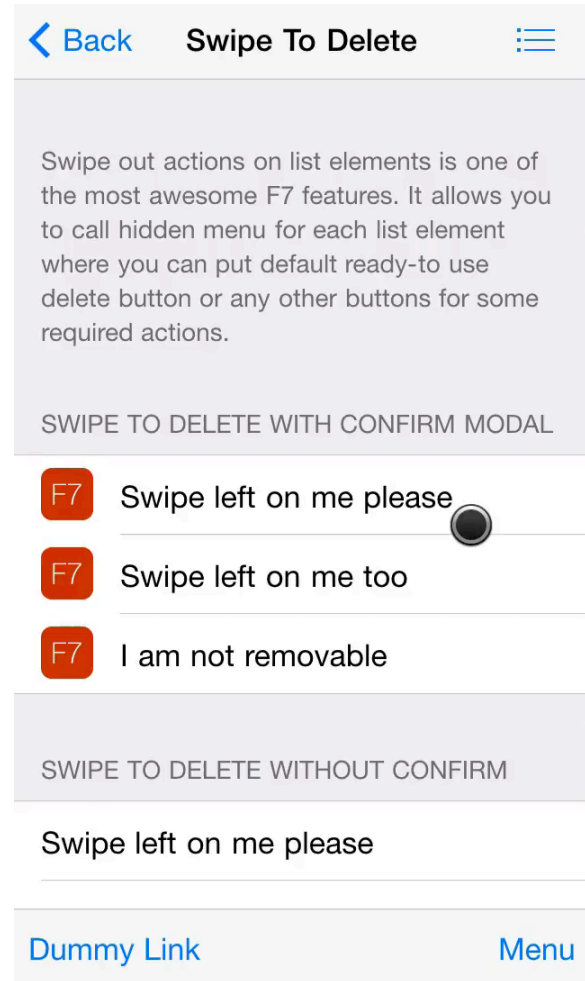
Swipe back capabilities



What is Framework7

SOME NICE FEATURES

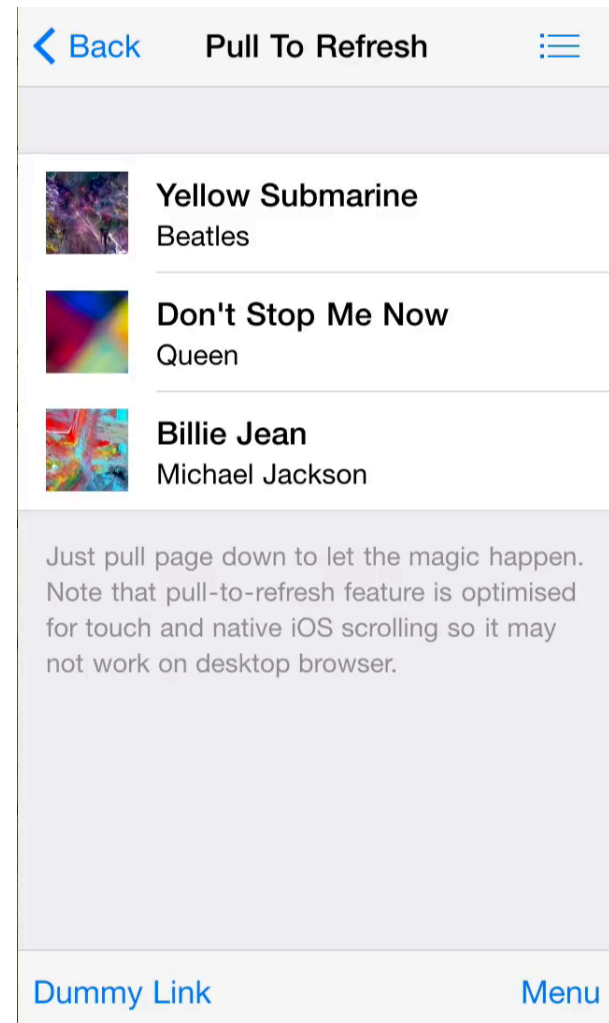
Swipe actions



What is Framework7

SOME NICE FEATURES

Pull To Refresh



What is Framework7

SOME NICE FEATURES

Messages widgets



What is Framework7

WHAT IS UNDER THE HOOD

- A bunch of CSS files (built in LESS) for both the iOS and Material Design
- A grid system, not unlike Twitter Bootstrap's
- Some JS for the UI components interactions
- A clear JS API for DOM manipulation, XHR requests, routing, ...
- Library agnostic
- Lack of MVVM or MVC structure making it flexible but, be aware of it
- Fastclick library built-in to handle click delay for touch UI's

What is Framework7

PERFORMANCE

- Hardware accelerated CSS
- Lazy loading for images

```
<div data-background="path/to/image.jpg" class="lazy">
```

- Virtual lists
- Uses native scrolling when available
- HTML configurable caching for faster page loading

What is Framework7

TEMPLATE ENGINE

- Framework7 uses it's own flavor of the handlebar template system
- Optimized for mobile

```
<div class="page" data-page="about">
  <div class="page-content">
    <p>Hello, my name is {{name}}</p>
  </div>
</div>
```

```
var myApp = new Framework7({
  template7Pages: true,
  template7Data: {
    "url:about.html": {
      name: "Joel Lord"
    }
  }
});
```

Getting Started With Framework7

INSTALLATION

- Available on Bower

```
$ bower install framework7
```

- Or on Github

```
$ git clone https://github.com/nolimits4web/Framework7  
$ npm install  
$ gulp build  
$ gulp server
```

Getting Started With Framework7

KITCHEN SINK

- When using the github installation, you get the kitchen sink demo application

A Few Demos

OUR OWN APP

A Few Demos

IOS AND ANDROID AT ONCE

A Few Demos

INCLUDING CORDOVA

The End !

Questions ?



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